

STEREO MOC Status Report
Time Period: 2007:036 - 2007:042

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 036, station DSS-45 locked onto the downlink signal approximately 18 minutes late. The SSR playback was restarted and all data was recovered. This also occurred last week on station DSS-45. On the next track with station DSS-45 on day 039, the track was run without cross polarization (run with RCP) and the signal levels were nominal for the track duration. Station DSS-45 configured for RCP again on day 042 and this track was also nominal.
- On day 037, telemetry receipt was intermittent from 1621Z-1700Z at station DSS-25. 406 bad frames were received during this time period.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. There were no anomalies or special spacecraft/instrument events executed this week. Aside from the above ground system anomalies, all SSR playbacks occurred nominally.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 036, station DSS-45 experienced a transmitter problem from 1150Z to 1159Z at the beginning of the track. The SSR playback was interrupted when the transmitter came on and the sweep occurred, but the data was recovered.
- On day 038, station DSS-45 experienced a transmitter problem from 1235Z to 1240Z at the beginning of the track. The SSR playback was interrupted when the transmitter came on and the sweep occurred, but the data was recovered.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following anomalies and spacecraft/instrument events occurred during this week:

- On day 036 the SECCHI EUVI Flat Field Calibration occurred nominally. However, the last macro of this event did not execute as planned and the HGA was left with auto-track disabled and the Attitude Control State was Q_BIAS instead of NOMINAL. The attitude bias was set to 0 at this time so there was no effect of this anomaly and the HGA was placed into auto-track during the track. Telemetry was never lost during this track although the HGA was off by 0.7 degree.
- The SECCHI Stepped Calibration Event was executed nominally on day 037.